

- ☐ Applicant(s) by its/their undersigned attorney, claims small entity status under 37 CFR § 1.27 as:
- ☐ an Independent Inventor
  - ☐ a Small Business Concern
  - ☐ a Nonprofit Organization
- ☐ This application is no longer entitled to small entity status. It is requested that this be noted in the files of the U.S. Patent and Trademark Office.
- ☐ Loss of Entitlement Enclosed
- ☐ Substitute Pages of the Specification are enclosed.
- ☐ An Abstract is enclosed.
- ☐ Sheets of Proposed Corrected Drawings are enclosed.
- ☐ A Certified Copy of each of the following applications: is enclosed.
- ☐ An Associate Power of Attorney is enclosed.
- ☐ Information Disclosure Statement.
- ☐ Attached Form 1449.
  - ☐ A copy of each reference as listed on the attached Form PTO-1449 is enclosed herewith.
- ☐ Appended Material as follows: .
- ☒ Other Material as follows: Sequence Listing (pages 1-26); Diskette containing Computer Readable Version of Sequence Listing; Statement to Support Filing And Submission in Accordance with 37 CFR §§ 1.825

**FEE CALCULATION**

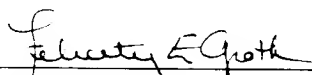
☐ No Additional Fee is Due.

				SMALL ENTITY		NOT SMALL ENTITY	
	REMAINING AFTER AMENDMENT	HIGHEST PAID FOR	EXTRA	RATE	FEE	RATE	FEE
TOTAL CLAIMS	78	78 (20 MINIMUM)	0	\$9 EACH	\$	\$18 EACH	\$
INDEP. CLAIMS	7	7 (3 MINIMUM)	0	\$42 EACH	\$	\$84 EACH	\$
FIRST PRESENTATION OF MULTIPLE DEPENDENT				\$140	\$	\$280	\$
<input type="checkbox"/> ONE MONTH EXTENSION OF TIME				\$55	\$	\$110	\$
<input type="checkbox"/> TWO MONTH EXTENSION OF TIME				\$200	\$	\$400	\$
<input type="checkbox"/> THREE MONTH EXTENSION OF TIME				\$460	\$	\$920	\$
<input type="checkbox"/> FOUR MONTH EXTENSION OF TIME				\$720	\$	\$1440	\$
<input type="checkbox"/> FIVE MONTH EXTENSION OF TIME				\$980	\$	\$1960	\$
<input type="checkbox"/> LESS ANY EXTENSION FEE ALREADY PAID				minus	(\$ )	minus	(\$ )
<input type="checkbox"/> TERMINAL DISCLAIMER				\$55	\$	\$110	\$
<input type="checkbox"/> OTHER FEE OR SURCHARGE AS FOLLOWS:							
TOTAL FEE DUE					\$ 0.00		\$ 0.00

- ☐ A check is enclosed in the foregoing amount due.
- ☐ Petition is hereby made under 37 CFR § 1.136(a) (fees: 37 CFR § 1.17(a)(1)-(4) to extend the time for response to the Office Action of \_\_\_\_\_ to and through \_\_\_\_\_ comprising an extension of the shortened statutory period of \_\_\_\_\_ month(s).
- ☐ The Commissioner is hereby requested to grant an extension of time for the appropriate length of time, should one be necessary, in connection with this filing or any future filing submitted to the U.S. Patent and Trademark Office in the above-identified application during the pendency of this application. The Commissioner is further authorized to charge any fees related to any such extension of time to Deposit Account 23-3050. This sheet is provided in duplicate.
- ☐ The Commissioner is authorized to charge payment of the following fees and to refund any overpayment associated with this communication or during the pendency of this application to Deposit Account 23-3050. This sheet is provided in duplicate.
- ☐ The foregoing amount due for filing this paper.
- ☐ Any additional filing fees required, including fees for the presentation of extra claims under 37 CFR § 1.16.
- ☐ Any additional patent application processing fees under 37 CFR § 1.17 or 1.20(d).

**SHOULD ANY DEFICIENCIES APPEAR** with respect to this application, including deficiencies in payment of fees, missing parts of the application or otherwise, the U.S. Patent and Trademark Office is respectfully requested to promptly notify the undersigned.

Date: November 20, 2002

  
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Facsimile: (215) 568-3439

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## APPL PARTS

**IMIS** \_\_\_\_\_  
 Internal Misc. Paper  
**LET.** \_\_\_\_\_  
 Misc. Incoming Letter  
**371P** \_\_\_\_\_  
 PCT Papers in a 371 Application  
 11-22-02 A... 5  
 Amendment Including Elections  
**ABST** \_\_\_\_\_  
 Abstract  
**ADS** \_\_\_\_\_  
 Application Data Sheet  
**AF/D** \_\_\_\_\_  
 Affidavit or Exhibit Received  
**APPENDIX** \_\_\_\_\_  
 Appendix  
**ARTIFACT** \_\_\_\_\_  
 Artifact  
**BIB** \_\_\_\_\_  
 Bib Data Sheet  
**CLM** \_\_\_\_\_  
 Claim  
**COMPUTER** \_\_\_\_\_  
 Computer Program Listing  
**CRFL** \_\_\_\_\_  
 All CRF Papers for Backfile  
**DIST** \_\_\_\_\_  
 Terminal Disclaimer Filed  
**DRW** \_\_\_\_\_  
 Drawings  
**FOR** \_\_\_\_\_  
 Foreign Reference  
**FRPR** \_\_\_\_\_  
 Foreign Priority Papers  
**IDS** \_\_\_\_\_  
 IDS Including 1449

**NPL** \_\_\_\_\_  
 Non-Patent Literature  
**OATH** \_\_\_\_\_  
 Oath or Declaration  
**PET.** \_\_\_\_\_  
 Petition  
**RETMAL** \_\_\_\_\_  
 Mail Returned by USPS  
**SEQLIST** \_\_\_\_\_  
 Sequence Listing  
**SPEC** \_\_\_\_\_  
 Specification  
**SPEC NO** \_\_\_\_\_  
 Specification Not in English  
**TRNA** \_\_\_\_\_  
 Transmittal New Application

**CTNF** \_\_\_\_\_  
 Count Non-Final  
**CTRS** \_\_\_\_\_  
 Count Restriction  
**EXIN** \_\_\_\_\_  
 Examiner Interview  
**M903** \_\_\_\_\_  
 DO/EO Acceptance  
**M905** \_\_\_\_\_  
 DO/EO Missing Requirement  
**NFDR** \_\_\_\_\_  
 Formal Drawing Required  
**NOA** \_\_\_\_\_  
 Notice of Allowance  
**PETDEC** \_\_\_\_\_  
 Petition Decision

## OUTGOING

**CTMS** \_\_\_\_\_  
 Misc. Office Action  
**1449** \_\_\_\_\_  
 Signed 1449  
**892** \_\_\_\_\_  
 892  
**ABN** \_\_\_\_\_  
 Abandonment  
**APDEC** \_\_\_\_\_  
 Board of Appeals Decision  
**APEA** \_\_\_\_\_  
 Examiner Answer  
**CTAV** \_\_\_\_\_  
 Count Advisory Action  
**CTEQ** \_\_\_\_\_  
 Count Ex parte Quayle  
**CTFR** \_\_\_\_\_  
 Count Final Rejection

## INCOMING

**AP.B** \_\_\_\_\_  
 Appeal Brief  
**C.AD** \_\_\_\_\_  
 Change of Address  
**N/AP** \_\_\_\_\_  
 Notice of Appeal  
**PA..** \_\_\_\_\_  
 Change in Power of Attorney  
**REM** \_\_\_\_\_  
 Applicant Remarks in Amendment  
**XT/** \_\_\_\_\_  
 Extension of Time filed separate

BACKFILE DOCUMENT INDEX SHEET

### Internal

**SRNT** \_\_\_\_\_  
 Examiner Search Notes  
**CLMPTO** \_\_\_\_\_  
 PTO Prepared Complete Claim Set

**ECBOX** \_\_\_\_\_  
 Evidence Copy Box Identification  
**WCLM** \_\_\_\_\_  
 Claim Worksheet  
**WFEE** \_\_\_\_\_  
 Fee Worksheet

### File Wrapper

**FWCLM** \_\_\_\_\_  
 File Wrapper Claim  
**IIFW** \_\_\_\_\_  
 File Wrapper Issue Information  
**SRFW** \_\_\_\_\_  
 File Wrapper Search Info